

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010504.D
 Acq On : 22 May 2019 12:24
 Operator : SY/VA
 Sample : K2986-01
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-19(6.5-7)

Quant Time: May 23 07:16:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

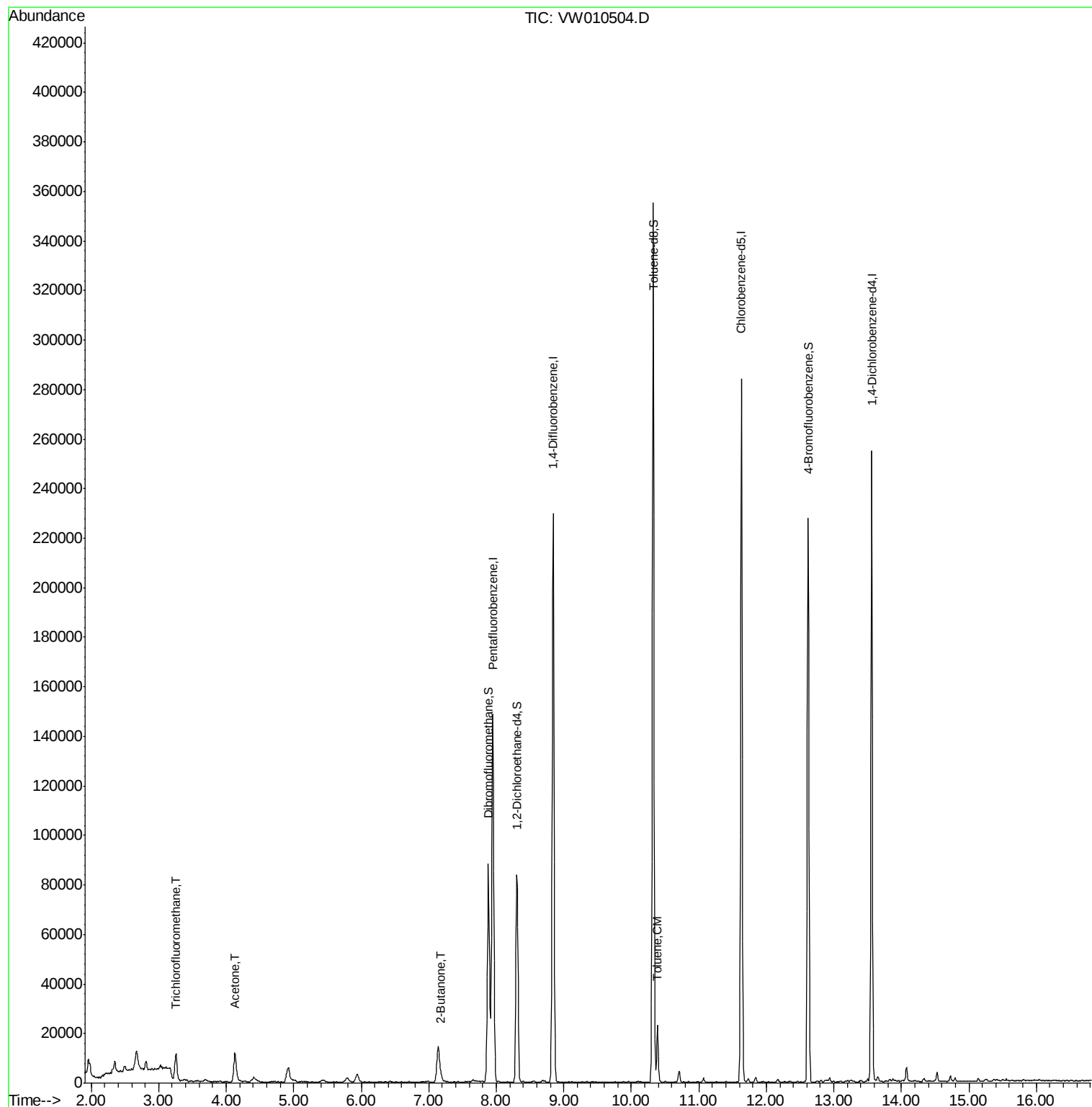
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	201981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	65556	57.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.16%	
35) Dibromofluoromethane	7.88	113	63764	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
50) Toluene-d8	10.32	98	243205	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	83579	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
Target Compounds						
7) Trichlorofluoromethane	3.26	101	10919	5.510	ug/l	96
16) Acetone	4.13	43	20869	89.803	ug/l	96
25) 2-Butanone	7.18	43	4803	14.442	ug/l	97
52) Toluene	10.39	92	9794	2.789	ug/l	95

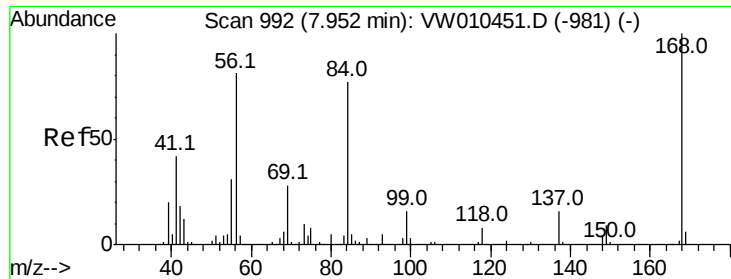
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010504.D

Acq: 22 May 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

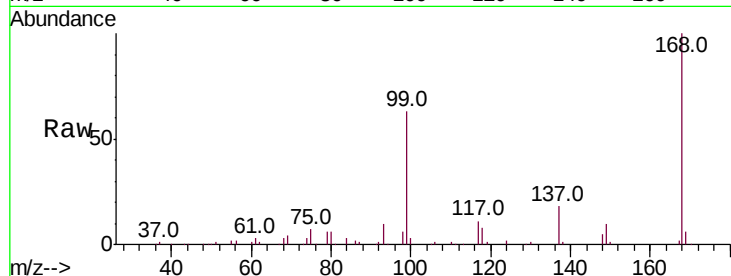
FESB-19(6.5-7)

Tot Ion:168 Resp: 110298

Ion Ratio Lower Upper

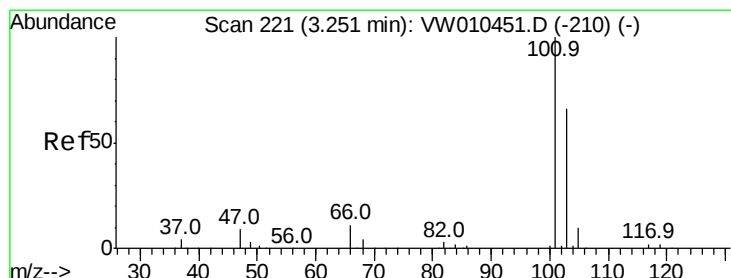
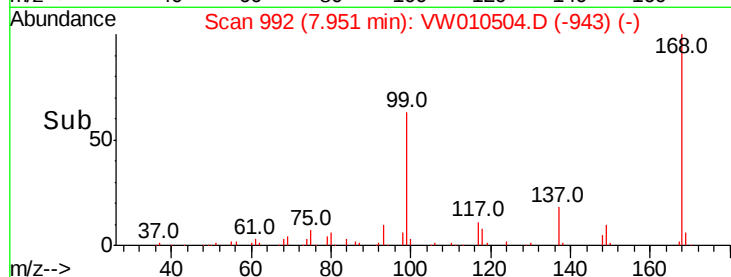
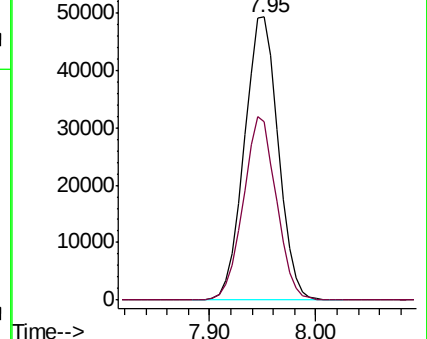
168 100

99 63.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#7

Trichlorofluoromethane

Concen: 5.510 ug/l

RT: 3.26 min Scan# 222

Delta R.T. 0.01 min

Lab File: VW010504.D

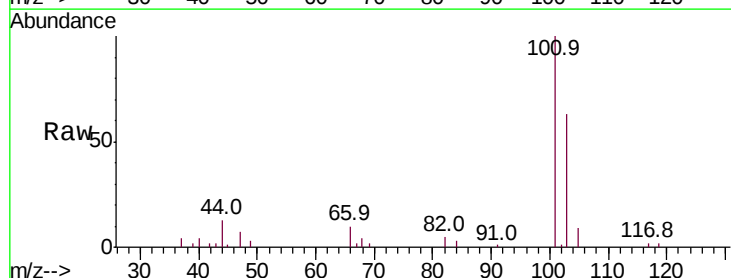
Acq: 22 May 2019 12:24

Tgt Ion:101 Resp: 10919

Ion Ratio Lower Upper

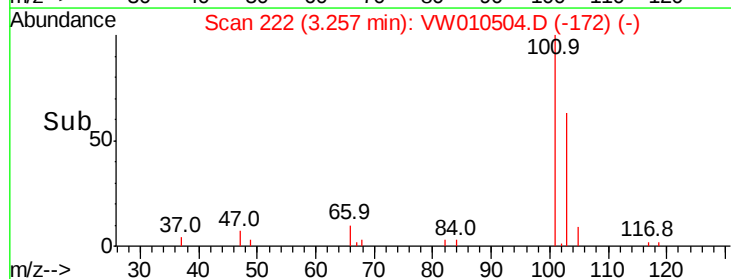
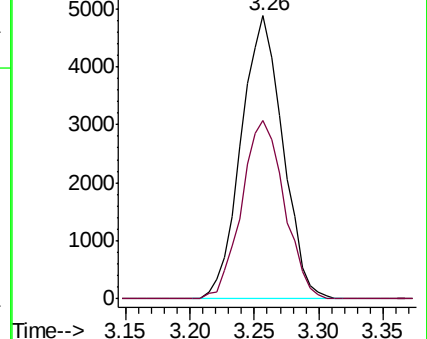
101 100

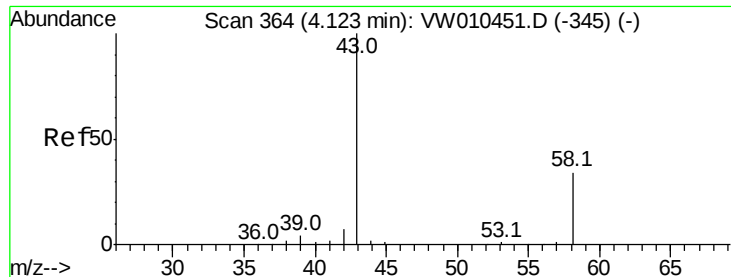
103 62.8 53.0 79.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#16

Acetone

Concen: 89.803 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010504.D

Acq: 22 May 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

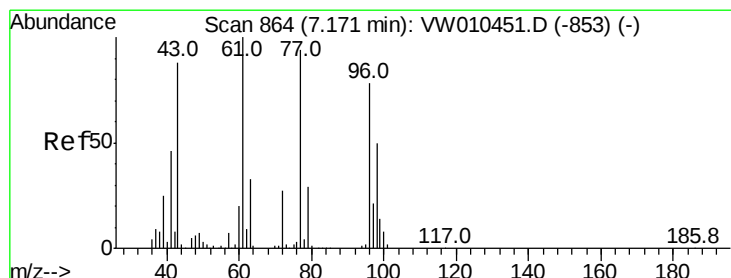
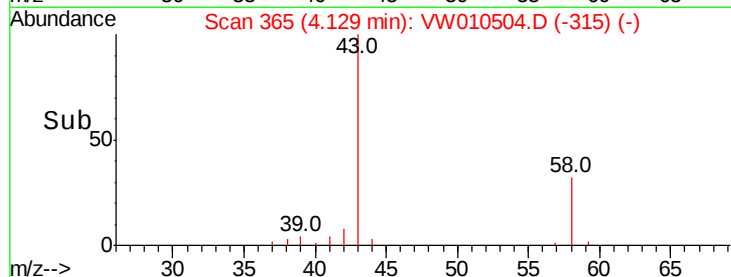
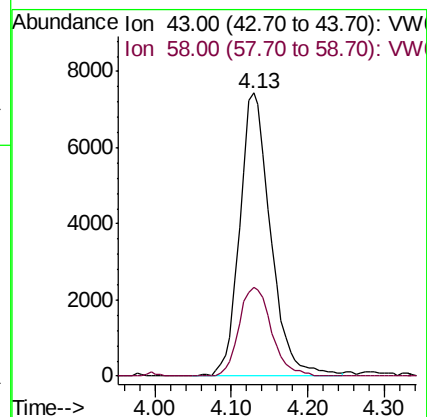
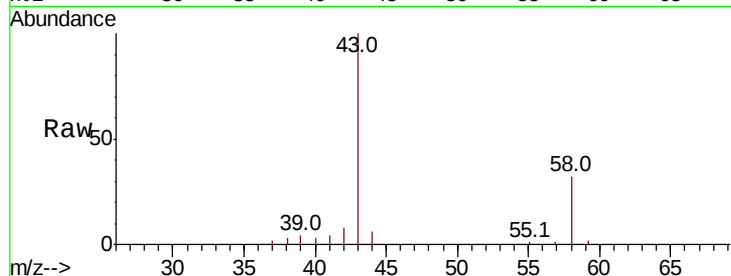
FESB-19(6.5-7)

Tot Ion: 43 Resp: 20869

Ion Ratio Lower Upper

43 100

58 31.5 27.0 40.4



#25

2-Butanone

Concen: 14.442 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010504.D

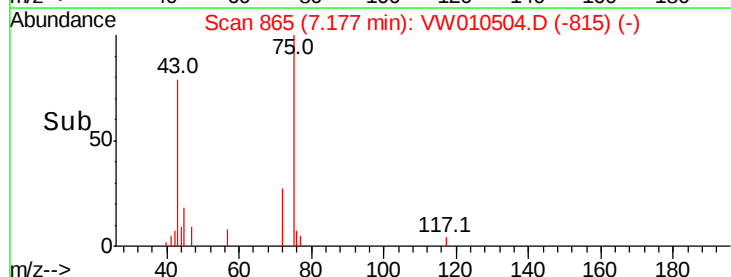
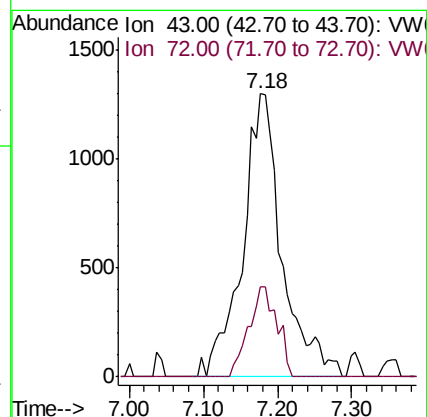
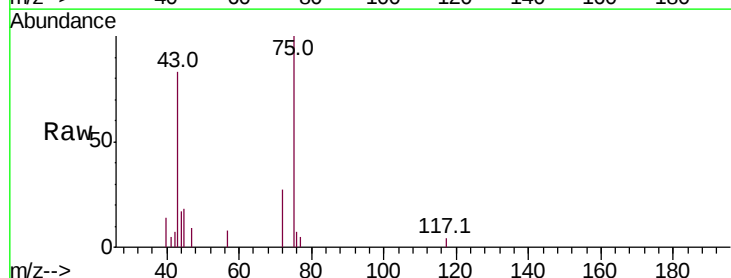
Acq: 22 May 2019 12:24

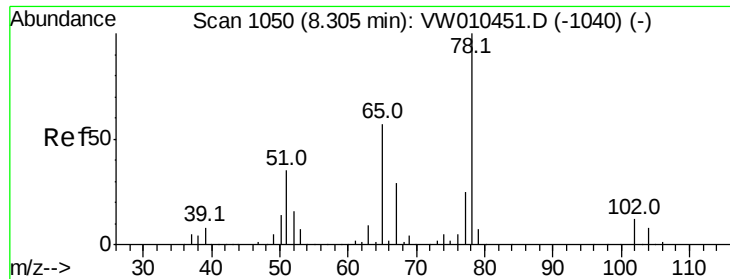
Tgt Ion: 43 Resp: 4803

Ion Ratio Lower Upper

43 100

72 31.9 24.1 36.1

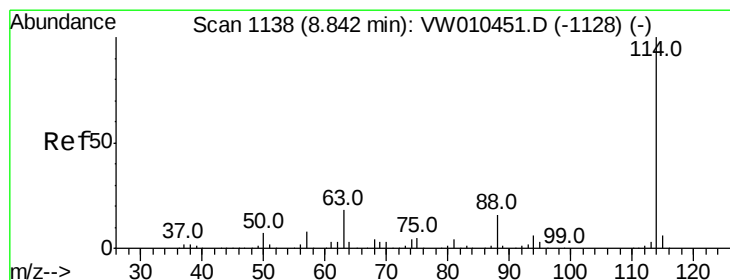
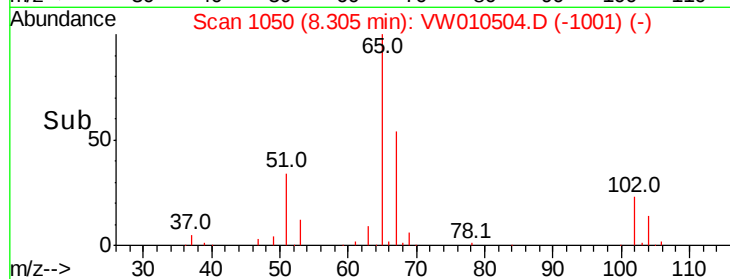
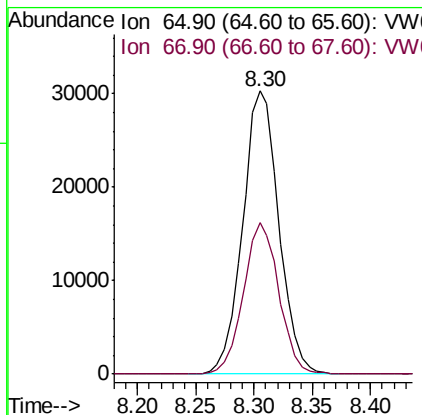
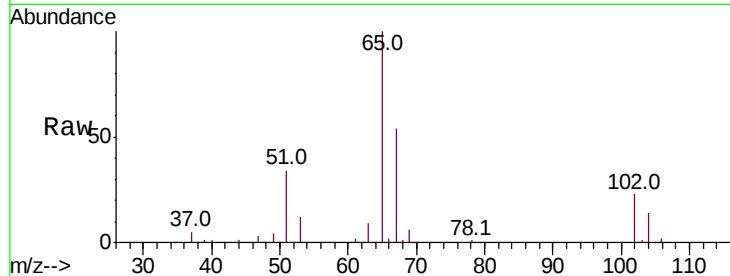




#33
 1,2-Dichloroethane-d4
 Concen: 57.583 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010504.D
 Acq: 22 May 2019 12:24

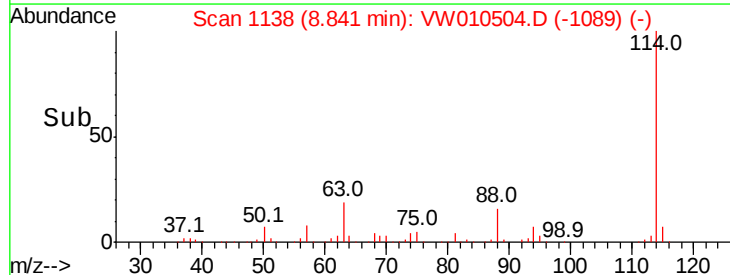
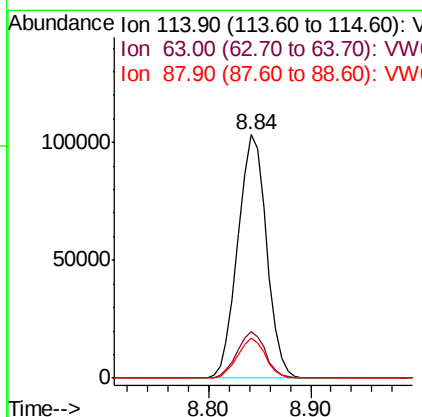
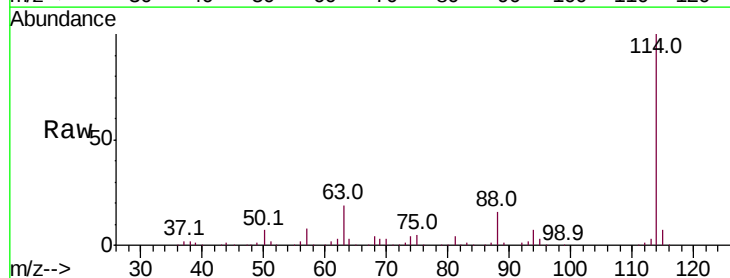
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-19(6.5-7)

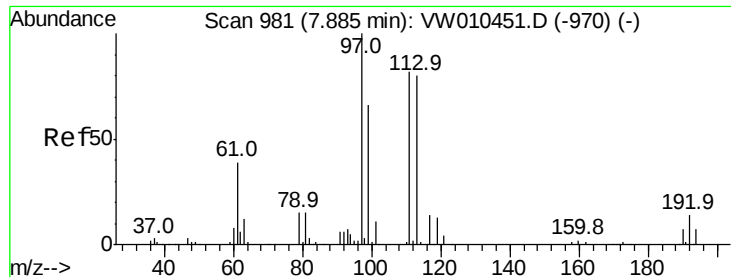
Tot Ion: 65 Resp: 65556
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010504.D
 Acq: 22 May 2019 12:24

Tgt Ion:114 Resp: 201981
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.0
 88 16.2 0.0 32.0

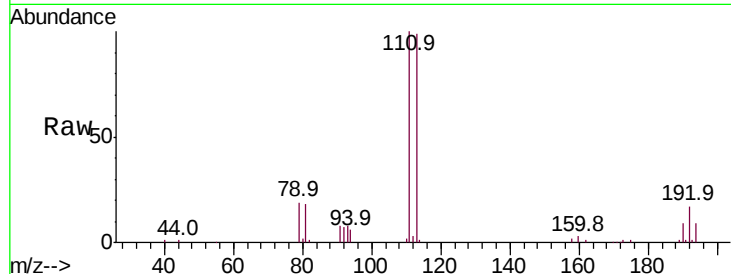




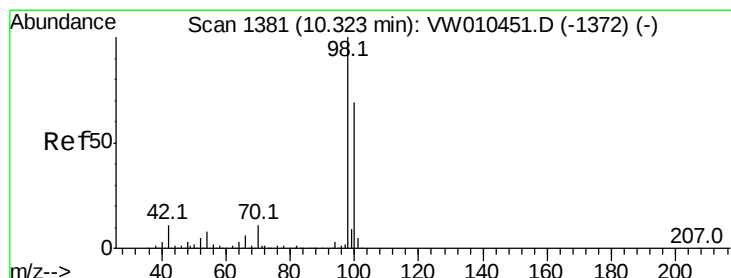
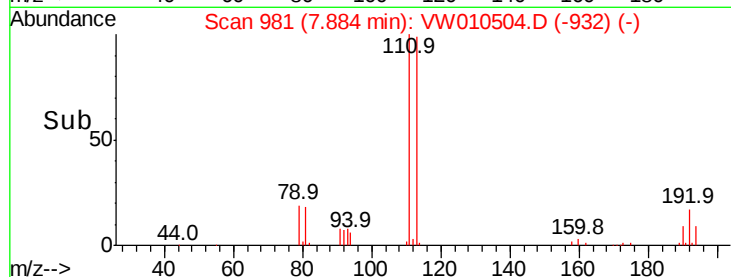
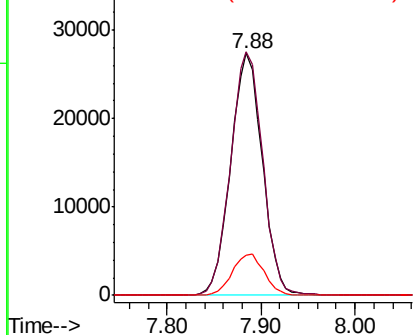
#35
 Dibromofluoromethane
 Concen: 52.028 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010504.D
 Acq: 22 May 2019 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-19(6.5-7)

Tot Ion:113 Resp: 63764
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 17.1 14.3 21.5

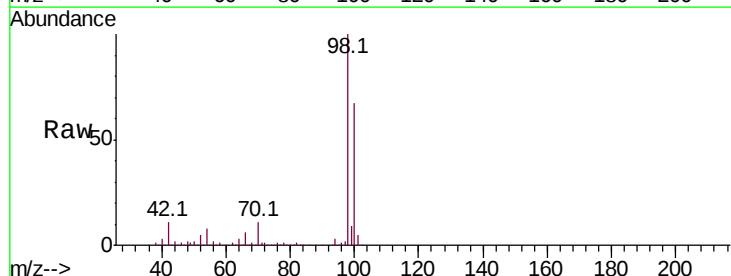


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

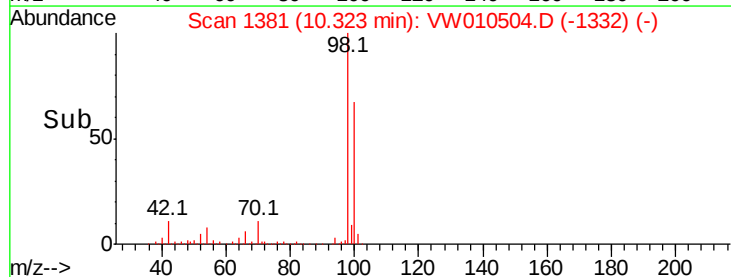
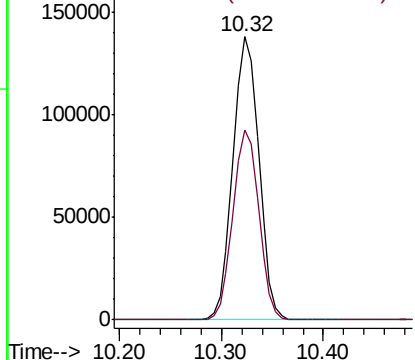


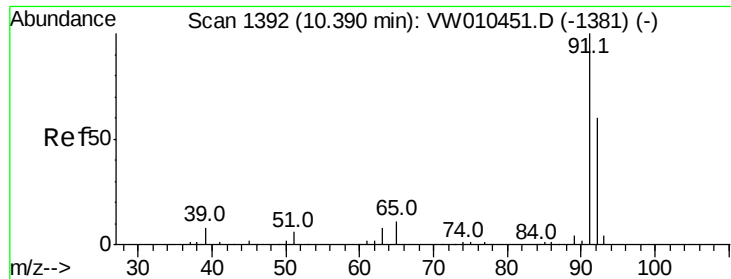
#50
 Toluene-d8
 Concen: 51.945 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010504.D
 Acq: 22 May 2019 12:24

Tgt Ion: 98 Resp: 243205
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 2.789 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010504.D

Acq: 22 May 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

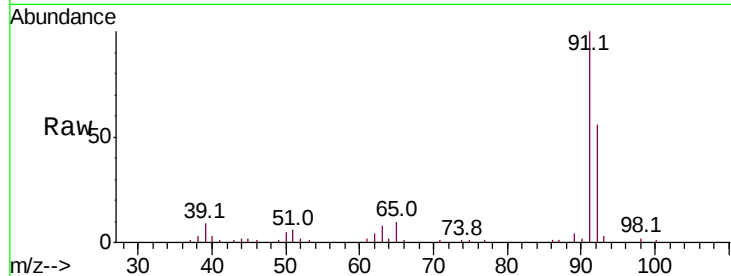
FESB-19(6.5-7)

Tot Ion: 92 Resp: 9794

Ion Ratio Lower Upper

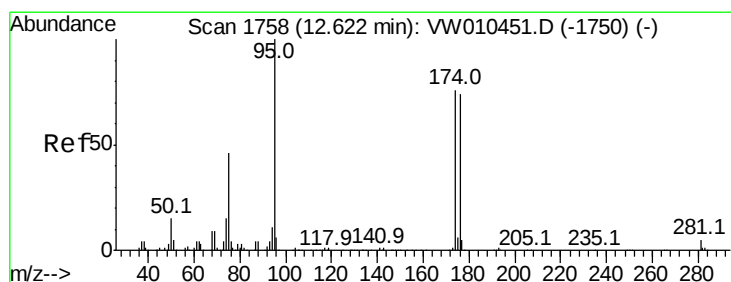
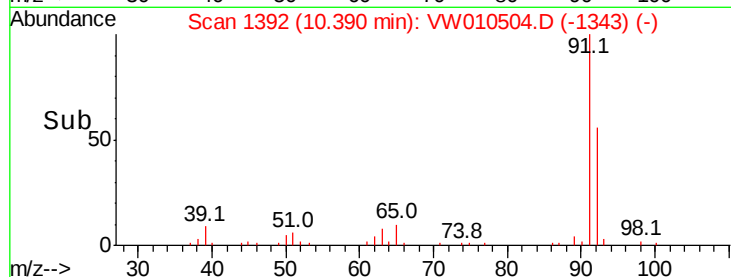
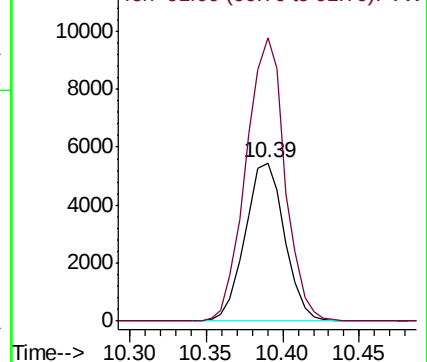
92 100

91 176.2 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 44.817 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010504.D

Acq: 22 May 2019 12:24

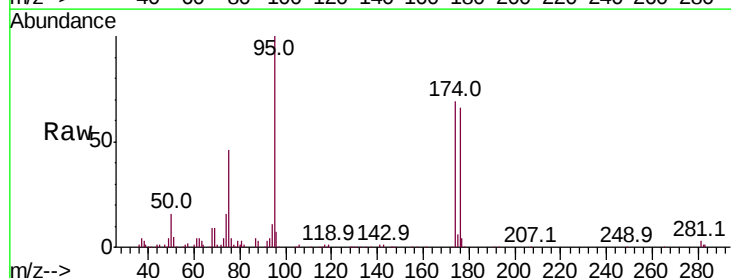
Tgt Ion: 95 Resp: 83579

Ion Ratio Lower Upper

95 100

174 68.6 0.0 148.6

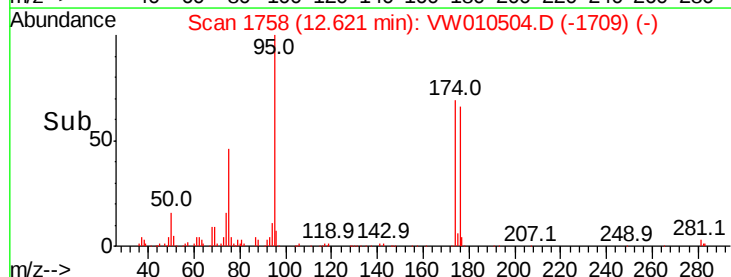
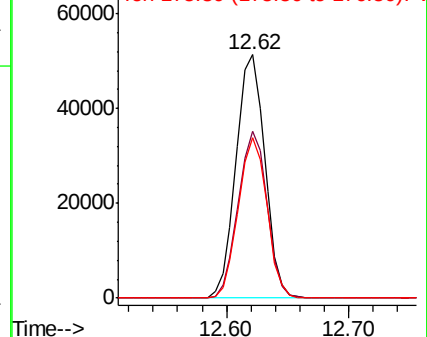
176 65.7 0.0 144.2

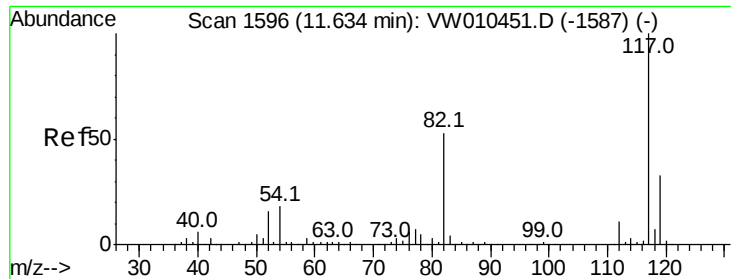


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

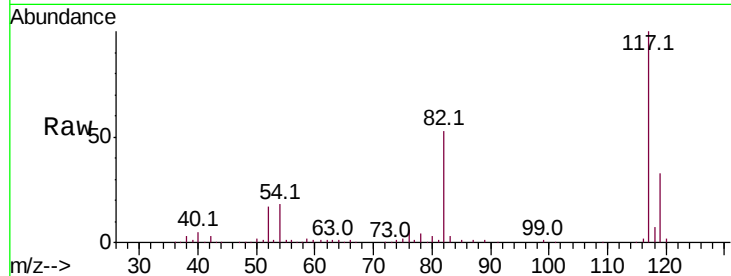




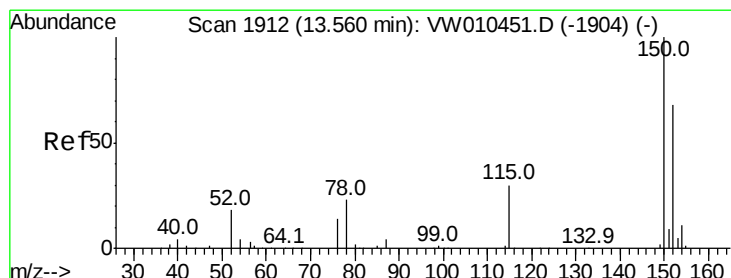
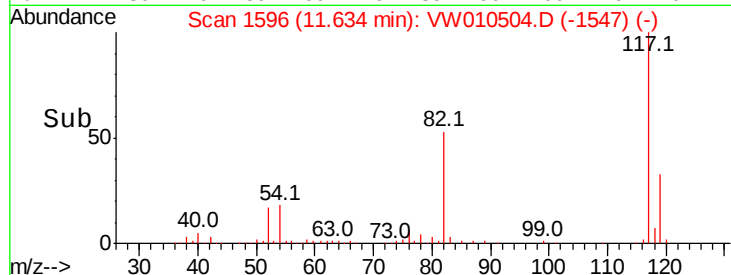
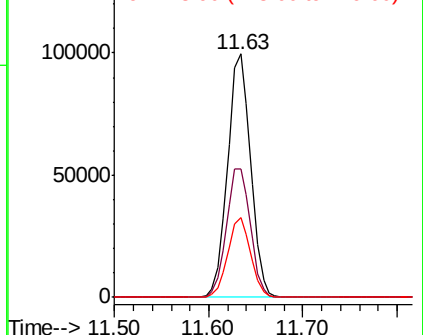
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010504.D
Acq: 22 May 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
FESB-19(6.5-7)

Tot Ion:117 Resp: 169220
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 32.6 26.3 39.5

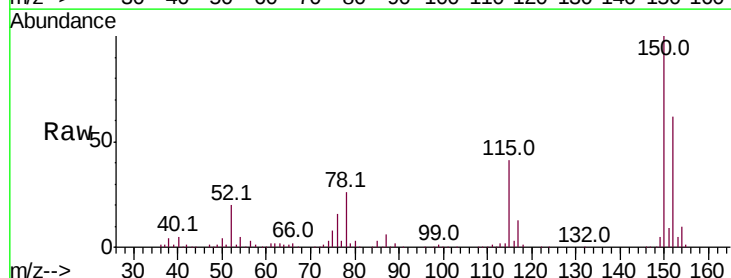


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010504.D
Acq: 22 May 2019 12:24

Tgt Ion:152 Resp: 65919
Ion Ratio Lower Upper
152 100
115 64.9 30.3 91.0
150 158.2 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

